

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Yuji MATSUDA

S. N.

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For: IMAGE FORMING DEVICE

3 / Prel. amdt.  
A  
E. Millis  
2-20-02

PRELIMINARY AMENDMENT

Box PCT  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Please make the following amendments to this application  
prior to examination thereof:

In the Specification:

Page 2, line 24 through page 4, line 7, please replace  
these 2 paragraphs with the following 2 paragraphs:

A1  
The technology for reading the test pattern via a sensor is  
disclosed in Japanese Patent Laid-Open Publication No. Hei 7-  
323582. As shown in FIG. 15, the base recording head, one of a  
plurality of recording heads, and each of the other recording  
heads print a pattern made up of two parallel bars (pattern  
elements) to allow the sensor to read the same position of the  
parallel bars twice to detect the recording head deviation  
amount. That is, in the first scan, the sensor senses the width  
of each pattern element to calculate the center dot position

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